

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Takahiro IMAI of Yamagata -ken, Japan

Serial No: Not assigned

Filed: September 12, 2003

For: Semiconductor Device and Method of Manufacturing the Same, Circuit Board, and Electronic Instrument

22278 U.S. PTO
10/661372
09/12/03

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:☒ Customer Number

000026021

Transmitted herewith for filing is the patent application identified above.

☒ 10 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.☒ 36 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.☒ An assignment of the invention to SEIKO EPSON CORPORATION ☐ is enclosed ☒ will follow.☐ An associate power of attorney ☐ is enclosed ☐ will follow.☐ Applicant claims small entity status. See 37 CFR 1.27.☒ Declaration and Power of Attorney ☐ is enclosed ☒ will follow.☒ A certified copy of Japanese Patent Application No. 2002-277454 filed September 24, 2002 from which priority is claimed under 35 U.S.C. § 119 is enclosed.☒ IDS enclosed (☒ with 1 reference(s)).☐ Preliminary Amendment is enclosed.☐ Application data sheet is enclosed. See 37 CFR 1.76.☒ Return postcard is enclosed.

CALCULATION OF FEES						
ITEM	TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	36	-20	16	LG=\$18 SM=\$9	\$18	288
B INDEPENDENT CLAIMS FEE*	2	-3	0	LG=\$84 SM=\$42	\$84	\$ 0
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)						288
D MULTIPLE-DEPENDENT CLAIMS FEE				LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140		\$ 0
E BASIC FEE				LARGE ENTITY FEE = \$750 SMALL ENTITY FEE = \$375		\$ 750
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)						\$ 1038
G ASSIGNMENT RECORDING FEE					\$ 40	\$ 40
*LIST INDEPENDENT CLAIMS 1 and 20.						

☐ Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.☐ A check in the amount of \$ 0 to cover the filing fee is enclosed.☐ A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.☐ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**☐ Any additional filing fees required under 37 C.F.R. 1.16☐ Any patent application processing fees under 37 C.F.R. 1.17Respectfully submitted,
HOGAN & HARTSON LLP.By: Anthony J. Oler
Registration No. 41,232
Attorney for Applicant(s)

Date: September 12, 2003

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Takahiro IMAI

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Art Unit: Not assigned

Examiner: Not assigned

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P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ patent application (36 page(s) of specification; 36 claim(s); 1 page(s) of abstract
- ☒ 10 sheet(s) of formal drawings
- ☒ certified copy of Japanese patent application No. 2002-277454 which was filed September 24, 2002 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- ☒ Information Disclosure Statement with 1 reference
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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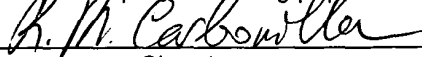
Arlington, VA 22313-1450

Date: September 12, 2003

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Name of person mailing papers



Signature